Amendments to Claims

1. (Canceled)

2. (Canceled)

3. (Previously presented) The method of Claim 12 wherein the nominal mole ratio of sulfonyl chloride to carboxylic acid in (1) is from about 1.0 to 1.5; the nominal mole ratio of the *ortho*-amino aromatic carboxylic acid in (2) to carboxylic acid charged in (1) is from about 0.9 to 1.1; the nominal mole ratio of additional sulfonyl chloride added in (3) to carboxylic acid charged in (1) is from about 1.0 to 1.5.

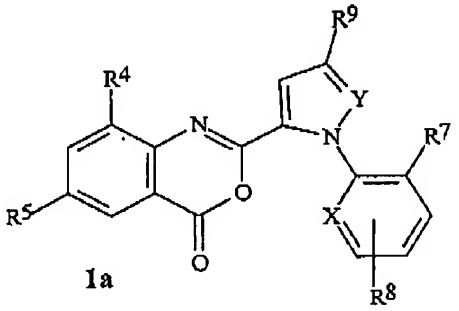
4. (Currently amended) The method of Claim 3 wherein the nominal mole ratio of the ~~pyridine~~ Formula 3 compound charged in (1) to carboxylic acid charged in (1) is from about 1.0 to 2.0; additional ~~pyridine~~ Formula 3 compound is charged in (2); and the nominal mole ratio of the additional ~~pyridine~~ Formula 3 compound charged in (2) to carboxylic acid charged in (1) is from about 2.0 to 4.0.

5. (Canceled)

6. (Canceled)

7. (Previously presented) The method of Claim 12 wherein K is, together with the two contiguous linking carbon atoms, a fused phenyl ring optionally substituted with from one to four substituents independently selected from W or R^{13}.

8. (Currently amended) The method of Claim 12 wherein a compound of Formula 1a



1a

wherein

X is N or CR^6;

Y is N or CH;

R^4 is C_1–C_4 alkyl or halogen;

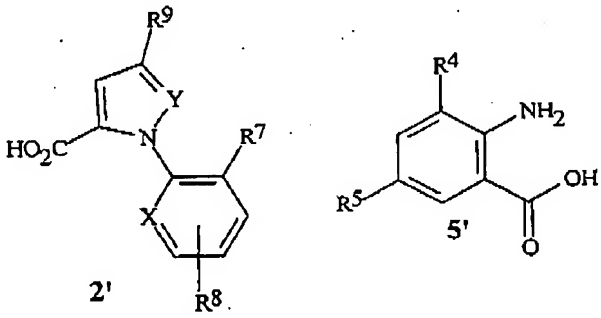
R^5 is H, C_1–C_4 alkyl, C_1–C_4 haloalkyl or halogen;

R^6 and R^7 are independently H, C_1–C_4 alkyl, C_1–C_4 haloalkyl, halogen, CN or C_1–C_4 haloalkoxy;

R^8 is H, C_1–C_4 alkyl, C_2–C_4 alkenyl, C_2–C_4 alkynyl, C_3–C_6 cycloalkyl, C_1–C_4 haloalkyl, C_2–C_4 haloalkenyl, C_2–C_4 haloalkynyl, C_3–C_6 halocycloalkyl, halogen, CN, NO_2, C_1–C_4 alkoxy, C_1–C_4 haloalkoxy, C_1–C_4 alkylthio, C_1–C_4 alkylsulfinyl, C_1–C_4 alkylsulfonyl, C_1–C_4 alkylamino, C_2–C_8 dialkylamino, C_3–C_6 cycloalkylamino, (C_1–C_4 alkyl)(C_3–C_6 cycloalkyl)amino, C_2–C_4 alkylcarbonyl, C_2–C_6 alkoxycarbonyl, C_2–C_6 alkylaminocarbonyl, C_3–C_8 dialkylaminocarbonyl or C_3–C_6 trialkylsilyl; and

R^9 is CF_3, OCF_3, $OCHF_2$, OCH_2CF_3 or halogen;

is prepared using a compound of Formula 2' as the Formula 2 compound and a compound of Formula 5' as the Formula 5 compound



9. (Original) The method of Claim 8 wherein

X is N;

Y is N;

R^4 is CH_3, F, Cl or Br;

R^5 is CF_3, F, Cl, Br or I;

R^7 is Cl or Br;

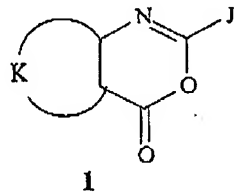
R^8 is H; and

R^9 is CF_3, $OCHF_2$, OCH_2CF_3, Cl or Br.

10. (Canceled)

11. (Canceled)

12. (Currently amended) A method for preparing a fused oxazinone of Formula 1,



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wherein

K is, together with the two contiguous linking carbon atoms, a fused phenyl ring optionally substituted with from one to four substituents independently selected from G, U, W or R^{13};

~~J is C_1–C_6 alkyl, C_2–C_6 alkenyl, C_2–C_6 alkynyl, C_3–C_8 cycloalkyl or C_3–C_8 cycloalkenyl, each optionally substituted with one or more substituents selected from the group consisting of R^{12}, halogen, CN, NO_2, hydroxy, C_1–C_4 alkoxy, C_1–C_4 alkylsulfinyl, C_1–C_4 alkylsulfonyl, C_1–C_4 alkylamino, C_2–C_8 dialkylamino, C_3–C_6 cycloalkylamino, and (C_1–C_4 alkyl)(C_3–C_6 cycloalkyl)amino; or~~

J is a pyrrole ring or a pyrazole ring ~~phenyl ring, a benzyl group, a benzoyl group, a 5- or 6-membered heteroaromatic ring, an aromatic 8-, 9- or 10-membered fused carbobicyclic ring system, an aromatic 8-, 9- or 10-membered fused heterobicyclic ring system or a 5- or 6-membered nonaromatic heterocyclic ring optionally including one or two ring members selected from the group consisting of C(=O), SO or $S(O)_2$~~, each optionally substituted with from one to four substituents independently selected from G, U, W or R^{13};

each G is a 5- or 6-membered nonaromatic heterocyclic ring optionally with ~~including~~ one or two ring members selected from the group consisting of C(=O), SO or $S(O)_2$, each optionally substituted with from one to four substituents independently selected from W;

each U is a phenyl ring, a benzyl group, a benzoyl group, a 5- or 6-membered heteroaromatic ring, an aromatic 8-, 9- or 10-membered fused carbobicyclic ring system, an aromatic 8-, 9- or 10-membered fused heterobicyclic ring system, each optionally substituted with from one to four substituents independently selected from W;

each W is independently C_1–C_4 alkyl, C_2–C_4 alkenyl, C_2–C_4 alkynyl, C_3–C_6 cycloalkyl, C_1–C_4 haloalkyl, C_2–C_4 haloalkenyl, C_2–C_4 haloalkynyl, C_3–C_6 halocycloalkyl, halogen, CN, NO_2, C_1–C_4 alkoxy, C_1–C_4 haloalkoxy, C_1–C_4 alkylthio, C_1–C_4 alkylsulfinyl, C_1–C_4 alkylsulfonyl, C_1–C_4 alkylamino, C_2–C_8 dialkylamino, C_3–C_6 cycloalkylamino, (C_1–C_4 alkyl)(C_3–C_6 cycloalkyl)amino or C_3–C_6 trialkylsilyl;

each R^{12} is independently $R^{19}C(=E)$- or -O(Q=)P(OR^{19})$_2$;

each R^{13} is B(OR^{17})$_2$; NH_2; SH; thiocyanato; C_3–C_8 trialkylsilyloxy; C_1–C_4 alkyldisulfide; SF_5; $R^{19}C(=E)$-; $R^{19}C(=E)M$-; $R^{19}MC(=E)$-; (R^{19})MC(=E)M-; -OP(=Q)(OR^{19})$_2$; -S(O)$_2$MR^{19}; or $R^{19}S(O)_2M$-;

each E is independently O, S, NR^{15}, NOR^{15}, $NN(R^{15})_2$, N-S=O, N-CN or N-NO_2;

each M is independently O, NR^{18} or S;

Q is O or S;

each R^{15} and each R^{19} is independently H; C_1–C_6 alkyl optionally substituted with one or more substituents selected from the group consisting of CN, NO_2, hydroxy, C_1–C_4 alkoxy, C_1–C_4 haloalkoxy, C_1–C_4 alkylthio, C_1–C_4 alkylsulfinyl, C_1–C_4 alkylsulfonyl, C_1–C_4 haloalkylthio, C_1–C_4 haloalkylsulfinyl, C_1–C_4 haloalkylsulfonyl, C_1–C_4 alkylamino, C_2–C_8 dialkylamino, CO_2H, C_2–C_6 alkoxycarbonyl, C_2–C_6 alkylcarbonyl, C_3–C_6 trialkylsilyl, and a phenyl ring optionally substituted with one to three substituents independently selected from W; C_1–C_6 haloalkyl; C_3–C_6 cycloalkyl; or a phenyl ring optionally substituted with from one to three substituents independently selected from W;

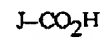
each R^{17} is independently H or C_1–C_4 alkyl; or

$B(OR^{17})_2$ can form a ring wherein the two oxygen atoms are linked by a chain of two to three carbons optionally substituted with one or two substituents independently selected from methyl or C_2–C_6 alkoxycarbonyl; and

each R^{18} is independently H, C_1–C_6 alkyl or C_1–C_6 haloalkyl.

comprising:

(1) contacting a carboxylic acid of Formula 2



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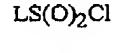
with a sulfonyl chloride of Formula 4



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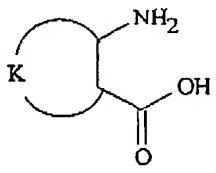
wherein

L is selected from alkyl, haloalkyl, and phenyl optionally substituted with from one to three substituents independently selected from alkyl or halogen;

in the presence of a ~~pyridine~~ Formula 3 compound selected from the group consisting of pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or pyrrolidino,

the nominal mole ratio of sulfonyl chloride to carboxylic acid being from about 0.75 to 1.5;

(2) contacting the mixture prepared in (1) with an *ortho*-amino aromatic carboxylic acid of Formula 5



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in the presence of a ~~pyridine~~ Formula 3 compound selected from the group consisting of pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or

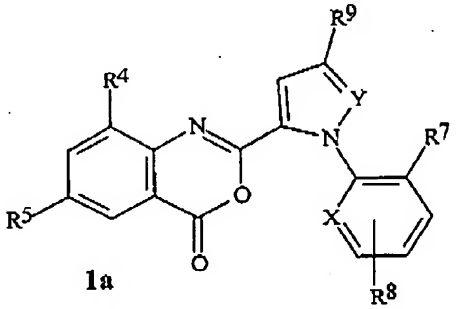
pyrrolidino, the nominal mole ratio of the *ortho*-amino aromatic carboxylic acid to carboxylic acid charged in (1) being from about 0.8 to 1.2; and

(3) adding additional sulfonyl chloride to the mixture prepared in (2), the nominal mole ratio of additional sulfonyl chloride added in (3) to carboxylic acid charged in (1) being at least about 0.5.

13. (Amended) The method of Claim 12 wherein in (1) the carboxylic acid of Formula 2 is contacted with sulfonyl chloride of Formula 4 in the presence of a ~~pyridine~~ Formula 3 compound ~~is~~ selected from the group consisting of ~~pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or pyrrolidino~~ pyridine, 3-picoline, 2,6-lutidine, collidine, 2-picoline and 4-picoline and in (2) the mixture prepared in (1) is contacted with the ortho-amino aromatic carboxylic acid of Formula 5 in the presence of a Formula 3 compound selected from the group consisting of pyridine, 3-picoline, 2,6-lutidine, collidine, 2-picoline and 4-picoline.

14. (Previously presented) The method of Claim 12 wherein sulfonyl chloride of Formula 4 is selected from the group consisting of methanesulfonyl chloride, propanesulfonyl chloride and benzene sulfonyl chloride.

15. (Currently amended) A method for preparing a fused oxazinone of Formula **1a**



1a

wherein

X is N or CR^6;

Y is N or CH;

R^4 is C_1–C_4 alkyl or halogen;

R^5 is H, C_1–C_4 alkyl, C_1–C_4 haloalkyl or halogen;

R^6 and R^7 are independently H, C_1–C_4 alkyl, C_1–C_4 haloalkyl, halogen, CN or C_1–C_4 haloalkoxy;

R^8 is H, C_1–C_4 alkyl, C_2–C_4 alkenyl, C_2–C_4 alkynyl, C_3–C_6 cycloalkyl, C_1–C_4 haloalkyl, C_2–C_4 haloalkenyl, C_2–C_4 haloalkynyl, C_3–C_6 halocycloalkyl, halogen, CN, NO_2, C_1–C_4 alkoxy, C_1–C_4 haloalkoxy, C_1–C_4 alkylthio, C_1–C_4 alkylsulfinyl, C_1–C_4 alkylsulfonyl, C_1–C_4 alkylamino, C_2–C_8 dialkylamino,

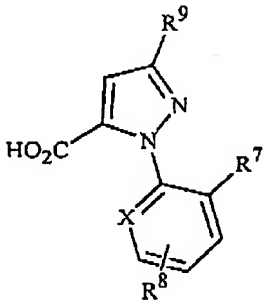
C_3–C_6 cycloalkylamino, (C_1–C_4 alkyl)(C_3–C_6 cycloalkyl)amino, C_2–C_4 alkylcarbonyl, C_2–C_6 alkoxycarbonyl, C_2–C_6 alkylaminocarbonyl, C_3–C_8 dialkylaminocarbonyl or C_3–C_6 trialkylsilyl;

R^9 is CF_3, OCF_3, $OCHF_2$, OCH_2CF_3, $S(O)_pCF_3$, $S(O)_pCHF_2$ or halogen; and

p is 0, 1 or 2;

comprising:

(1) contacting a carboxylic acid of Formula 2'



2'

with a sulfonyl chloride of Formula 4

$LS(O)_2Cl$

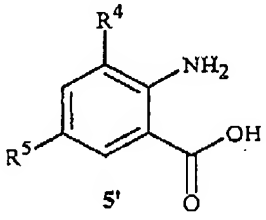
4

wherein

L is selected from alkyl, haloalkyl, and phenyl optionally substituted with from one to three substituents independently selected from alkyl or halogen;

in the presence of a ~~pyridine~~ Formula 3 compound selected from the group consisting of pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or pyrrolidino, the nominal mole ratio of sulfonyl chloride to carboxylic acid being from about 0.75 to 1.5;

(2) contacting the mixture prepared in (1) with an *ortho*-amino aromatic carboxylic acid of Formula 5'



5'

in the presence of a ~~pyridine~~ Formula 3 compound selected from the group consisting of pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or

pyrrolidino, the nominal mole ratio of the *ortho*-amino aromatic carboxylic acid to carboxylic acid charged in (1) being from about 0.8 to 1.2; and

(3) adding additional sulfonyl chloride to the mixture prepared in (2), the nominal mole ratio of additional sulfonyl chloride added in (3) to carboxylic acid charged in (1) being at least about 0.5.

16. (Currently amended) The method of Claim 15 wherein in (1) the carboxylic acid of Formula 2 is contacted with sulfonyl chloride of Formula 4 in the presence of a ~~pyridine~~ Formula 3 compound ~~is~~ selected from the group consisting of ~~pyridine, quinoline, isoquinoline and pyridine substituted with alkyl, dimethylamino, or pyrrolidino~~ pyridine, 3-picoline, 2,6-lutidine, collidine, 2-picoline and 4-picoline and in (2) the mixture prepared in (1) is contacted with the ortho-amino aromatic carboxylic acid of Formula 5 in the presence of a Formula 3 compound selected from the group consisting of pyridine, 3-picoline, 2,6-lutidine, collidine, 2-picoline and 4-picoline.

17. (Previously presented) The method of Claim 15 wherein sulfonyl chloride of Formula 4 is selected from the group consisting of methanesulfonyl chloride, propanesulfonyl chloride and benzene sulfonyl chloride.

18. (Previously presented) The method of Claim 15 wherein the nominal mole ratio of sulfonyl chloride to carboxylic acid in (1) is from about 1.0 to 1.5; the nominal mole ratio of the *ortho*-amino aromatic carboxylic acid in (2) to carboxylic acid charged in (1) is from about 0.9 to 1.1; the nominal mole ratio of additional sulfonyl chloride added in (3) to carboxylic acid charged in (1) is from about 1.0 to 1.5.

19. (Currently amended) The method of Claim 18 wherein the nominal mole ratio of the ~~pyridine~~ Formula 3 compound charged in (1) to carboxylic acid charged in (1) is from about 1.0 to 2.0; additional ~~pyridine~~ Formula 3 compound is charged in (2); and the nominal mole ratio of the additional ~~pyridine~~ Formula 3 compound charged in (2) to carboxylic acid charged in (1) is from about 2.0 to 4.0.

20. (Canceled)

21. (Canceled)